Annual Treated Water Quality Report

Title 22 Regulated and Unregulated Compounds

Valley Water

Start: 1/1/2019 End: 12/31/2019

PARAMETER	PWTP TREATED				RWTP TREATED				STWTP TREATED				DLR	MCL	Units
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
Organic Chemicals: Primary Standards - Mandatory Health-Related Standards															
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	200	ug/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	1	ug/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	5	ug/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	5	ug/L
1,1-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	6	ug/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	5	ug/L
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	600	ug/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	0.5	ug/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	5	ug/L
1,3-Dichloropropene (Total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	0.5	ug/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	5	ug/L
2,4,5-TP (SILVEX)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	50	ug/L
2,4-D	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	70	ug/L
Alachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	2	ug/L
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	1	ug/L
Bentazon (BASAGRAN)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	18	ug/L
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	1	ug/L
Benzo (A) Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1	0.2	ug/L
Carbofuran (Furadan)	NT	ND	NT	NT	NT	ND	NT	NT	NT	ND	NT	NT	5	18	ug/L
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	0.5	ug/L
Chlordane	NT	ND	NT	NT	NT	ND	NT	NT	NT	ND	NT	NT	0.1	0.1	ug/L
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	6	ug/L
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	0.5	ug/L
Dalapon	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	200	ug/L
Di (2-ethylhexyl) Adipate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	400	ug/L
Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01	0.2	ug/L
Dichloromethane (Methylene Chloride)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	5	ug/L
Diethylhexylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	4	ug/L
Dinoseb (DNBP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	7	ug/L
Dioxin (2,3,7,8-TCDD)	NT	ND	NT	NT	NT	ND	NT	NT	NT	ND	NT	NT	5	30	pg/L
Diquat	NT	ND	NT	NT	NT	ND	NT	NT	NT	ND	NT	NT	4	20	ug/L
Endothall	NT	ND	NT	NT	NT	ND	NT	NT	NT	ND	NT	NT	45	100	ug/L
Endrin	NT	ND	NT	NT	NT	ND	NT	NT	NT	ND	NT	NT	0.1	2	ug/L
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	300	ug/L
Ethylene Dibromide (EDB)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.02	0.05	ug/L
Glyphosate	NT	ND	NT	NT	NT	ND	NT	NT	NT	ND	NT	NT	25	700	ug/L
Heptachlor	NT	ND	NT	NT	NT	ND	NT	NT	NT	ND	NT	NT	0.01	0.01	ug/L
Heptachlor Epoxide	NT	ND	NT	NT	NT	ND	NT	NT	NT	ND	NT	NT	0.01	0.01	ug/L
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	1	ug/L
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	50	ug/L
Lindane (Gamma-BHC)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.2	0.2	ug/L
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	30	ug/L
Methyl tert-Butyl Ether (MTBE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	13	ug/L

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	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
Molinate (ORDRAM)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	20	ug/L
Monochlorobenzene (Chlorobenzene)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	70	ug/L
Oxamyl (Vydate)	NT	ND	NT	NT	NT	ND	NT	NT	NT	ND	NT	NT	20	50	ug/L
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.2	1	ug/L
Picloram	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	500	ug/L
Simazine (PRINCEP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	4	ug/L
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	100	ug/L
Tetrachloroethylene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	5	ug/L
Thiobencarb (BOLERO)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	70	ug/L
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	150	ug/L
Total PCB's (as DCB)	NT	ND	NT	NT	NT	ND	NT	NT	NT	ND	NT	NT	0.5	0.5	ug/L
Total-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	1750	ug/L
Toxaphene	NT	ND	NT	NT	NT	ND	NT	NT	NT	ND	NT	NT	1	3	ug/L
trans-1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	10	ug/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	0.5	ug/L
Trichloroethylene (TCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	5	ug/L
Trichlorofluoromethane (FREON 11)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	150	ug/L
Trichlorotrifluoroethane (FREON 113)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	1200	ug/L
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	0.5	ug/L

Inorganic Chemicals: Primary Standards - Mandatory Health-Related Standards

Aluminum	64	ND	62	100	ND	ND	ND	ND	ND	ND	ND	ND	50	1000	ug/L
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	6	ug/L
Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	10	ug/L
Barium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	1000	ug/L
Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	4	ug/L
Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	5	ug/L
Chromium, Total	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	50	ug/L
Cyanide	NT	ND	NT	NT	NT	ND	NT	NT	NT	ND	NT	NT	100	150	ug/L
Fluoride	0.65	0.63	0.69	0.65	ND	ND	ND	ND	0.71	0.69	0.70	0.65	0.1	2	mg/L
Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	2	ug/L
Nickel	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	100	ug/L
Nitrate (as N)	ND	ND	ND	ND	ND	0.5	ND	ND	0.5	0.6	ND	ND	0.4	10	mg/L
Nitrate + Nitrite (as N)	ND	ND	ND	ND	ND	0.5	ND	ND	0.5	0.6	ND	ND	0.4	10	mg/L
Nitrite (as N)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4	1	mg/L
Perchlorate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4	6	ug/L
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	50	ug/L
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	2	ug/L

Inorganic Chemicals: Secondary Standards - Aesthetic Standards

Apparent Color	<2.5	<2.5	ND	<2.5	<2.5	<2.5	ND	<2.5	<2.5	<2.5	ND	<2.5	NS	15	Color Units
Chloride	20	23	29	23	38	65	72	27	46	86	80	78	NS	500	mg/L
Copper	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	1000	ug/L
Foaming Agents (MBAS)	NT	ND	NT	NT	NT	ND	NT	NT	NT	ND	NT	NT	NS	0.5	mg/L

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	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
Iron	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	300	ug/L
Lead	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	15	ug/L
Manganese	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20	50	ug/L
Odor T.O.N.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1	3	T.O.N.
pH	7.9	7.7	7.9	7.8	7.7	7.8	7.9	7.9	8.0	7.8	7.9	7.7	NS	NS	pH units
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	100	ug/L
Specific Conductance (E.C.)	376	241	249	357	430	469	517	365	418	557	536	522	NS	2200	umhos/cm
Sulfate	49.1	31.4	19.0	40.7	62.0	60.6	56.5	51.6	52.0	51.9	49.7	51.8	0.5	500	mg/L
Total Dissolved Solids	234	162	152	236	262	264	292	240	250	304	328	322	NS	1000	mg/L
True Color	<2.5	<2.5	ND	<2.5	<2.5	<2.5	ND	<2.5	<2.5	<2.5	ND	<2.5	NS	NS	Color Units
Zinc	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	5000	ug/L

Organic Chemicals: Unregulated - Additional Constituents Analyzed

1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	NS	ug/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	NS	ug/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	NS	ug/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	NS	ug/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	NS	ug/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	NS	ug/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	NS	ug/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	NS	ug/L
2-Chlorotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	NS	ug/L
3-Hydroxycarbofuran	NT	ND	NT	NT	NT	ND	NT	NT	NT	ND	NT	NT	3	NS	ug/L
4-Chlorotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	NS	ug/L
Acifluorfen	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NS	NS	ug/L
Aldicarb (Temik)	NT	ND	NT	NT	NT	ND	NT	NT	NT	ND	NT	NT	3	NS	ug/L
Aldicarb Sulfone	NT	ND	NT	NT	NT	ND	NT	NT	NT	ND	NT	NT	4	NS	ug/L
Aldicarb Sulfoxide	NT	ND	NT	NT	NT	ND	NT	NT	NT	ND	NT	NT	3	NS	ug/L
Aldrin	NT	ND	NT	NT	NT	ND	NT	NT	NT	ND	NT	NT	0.075	NS	ug/L
Bromobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	NS	ug/L
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	NS	ug/L
Bromodichloroacetic Acid	3.2	3.2	NT	2.5	6.3	5.5	NT	4.9	4.5	ND	NT	ND	1	NS	ug/L
Bromomethane (Methyl Bromide)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	NS	ug/L
Carbaryl (SEVIN)	NT	ND	NT	NT	NT	ND	NT	NT	NT	ND	NT	NT	5	NS	ug/L
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	NS	ug/L
Chloromethane (Methyl Chloride)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	NS	ug/L
Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	NS	ug/L
Dicamba (BANVEL)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5	NS	ug/L
Dichlorodifluoromethane (FREON 12)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	NS	ug/L
Dieldrin	NT	ND	NT	NT	NT	ND	NT	NT	NT	ND	NT	NT	0.02	NS	ug/L
Diisopropyl Ether (DIPE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	NS	ug/L
Ethyl tert-Butyl Ether (ETBE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	NS	ug/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	NS	ug/L
Isopropylbenzene (Cumene)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	NS	ug/L

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	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
Methiocarb	NT	ND	NT	NT	NT	ND	NT	NT	NT	ND	NT	NT	NS	NS	ug/L
Methomyl	NT	ND	NT	NT	NT	ND	NT	NT	NT	ND	NT	NT	2	NS	ug/L
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	NS	ug/L
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	NS	ug/L
N-Nitrosodiethylamine	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	NS	ng/L
N-Nitrosodimethylamine	<2	<2	<2	<2	<2	<2	<2	<2	2.9	<2	<2	<2	NS	NS	ng/L
N-Nitrosodi-n-butylamine	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	NS	ng/L
N-Nitrosodi-n-propylamine	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	NS	ng/L
N-Nitrosomethylethylamine	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	NS	ng/L
N-Nitrosopiperidine	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	NS	ng/L
N-Nitrosopyrrolidine	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	NS	ng/L
n-propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	NS	ug/L
Paraquat	NT	ND	NT	NT	NT	ND	NT	NT	NT	ND	NT	NT	20	NS	ug/L
p-Isopropyltoluene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NS	NS	ug/L
Propoxur (Baygon)	NT	ND	NT	NT	NT	ND	NT	NT	NT	ND	NT	NT	NS	NS	ug/L
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	NS	ug/L
tert-Amyl Methyl Ether (TAME)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	NS	ug/L
tert-Butyl Alcohol (TBA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	NS	ug/L
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	NS	ug/L
Total Organic Carbon	3.17	1.40	1.70	2.47	2.33	1.37	1.93	2.20	2.70	1.80	1.97	1.73	0.3	NS	mg/L

Inorganic Chemicals: Unregulated - Additional Constituents Analyzed

Ammonia, Free (as NH3-N)	0.11	<0.05	NT	NT	0.10	0.11	NT	NT	0.22	0.22	NT	NT	NS	NS	mg/L
Ammonia, Total (as NH3-N)	0.83	0.65	0.68	0.74	0.55	0.56	0.48	0.49	0.74	0.75	0.69	0.71	NS	NS	mg/L
Bicarbonate Alkalinity (as CaCO3)	111	49	53	107	85	69	60	78	84	71	73	73	NS	NS	mg/L
Bicarbonate Alkalinity (as HCO3)	136	60	65	130	104	84	73	96	102	87	89	90	NS	NS	mg/L
Boron	150	ND	ND	144	120	126	131	135	110	161	137	149	100	NS	ug/L
Bromide	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.11	<0.1	<0.1	0.14	0.16	0.15	NS	NS	mg/L
Calcium	31.0	13.7	11.6	25.9	25.0	20.1	19.5	22.6	23.0	20.4	19.9	19.8	NS	NS	mg/L
Calcium as CaCO3	77.5	34.2	29.1	64.8	62.5	52.2	48.7	56.5	57.5	51.0	49.8	49.4	NS	NS	mg/L
Carbonate Alkalinity (as CaCO3)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NS	NS	mg/L
Carbonate Alkalinity (as CO3)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NS	NS	mg/L
Chlorate	40	130	150	100	82	67	120	140	140	120	210	160	20	NS	ug/L
Chromium, Hexavalent	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	NS	ug/L
Cobalt	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NS	NS	ug/L
Hardness (as CaCO3)	148	60	53	124	120	93	101	107	115	100	101	100	NS	NS	mg/L
Hydroxide Alkalinity (as CaCO3)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NS	NS	mg/L
Hydroxide Alkalinity (as OH)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	NS	NS	mg/L
Lithium	5.0	<5	<5	5.4	ND	<5	<5	<5	ND	<5	<5	<5	NS	NS	ug/L
Magnesium	17.0	6.8	6.6	14.3	15.0	11.9	12.0	12.2	14.0	13.0	12.4	12.4	NS	NS	mg/L
Molybdenum	<1	<1	<1	<1	<1	1.2	1.2	1.0	<1	2.1	1.4	1.2	NS	NS	ug/L
Phosphate	1.10	1.06	1.05	1.04	1.77	1.25	1.14	1.02	1.07	1.02	1.03	1.00	NS	NS	mg/L
Potassium	1.9	1.5	1.7	2.1	2.1	3.1	3.4	2.1	2.2	3.8	3.5	3.4	NS	NS	mg/L
Silica	11.0	10.1	10.0	10.2	12.0	11.2	10.0	9.7	13.0	12.9	10.4	12.4	NS	NS	mg/L
Sodium	28.0	24.0	29.1	24.9	44.0	55.1	63.2	32.6	44.0	66.3	65.3	66.9	NS	NS	mg/L

Annual Treated Water Quality Report

Title 22 Regulated and Unregulated Compounds

Start: 1/1/2019 End: 12/31/2019

PARAMETER	PWTP TREATED				RWTP TREATED				STWTP TREATED				DLR	MCL	Units
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
Temperature	12	17	23	17	13	16	21	17	12	18	23	18	NS	NS	Deg. C
Total Alkalinity (as CaCO3)	111	49	53	107	85	69	60	78	84	71	73	73	NS	NS	mg/L
Vanadium	ND	ND	3.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	NS	ug/L

Q1 = 1st Quarter.
Q2 = 2nd Quarter.
Q3 = 3rd Quarter.
Q4 = 4th Quarter.
NT = Not Tested
ND = Not Detected
NR = Not Reported at or above the DLR
DLR = Detection Limit for Reporting
MCL = Maximum Contaminant Level
ug/L = Micrograms Per Liter
NS = No Standard
STWTP = Santa Teresa Water Treatment Plant
PWTP = Penitencia Water Treatment Plant
RWTP = Rinconada Water Treatment Plant
mg/L = Milligrams Per Liter
NTU = Nephelometric Turbidity Units
umhos/cm = Micromhos Per Centimeter
Deg. C = Degree in Celsius